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Key Developments in Our History

- 2009 - Crucible Industries LLC is established
- 2009 - Developed & marketed newest addition to the family of stainless tool steels, CPM® S35VN®
- 2006 - Developed & marketed CPM® 154CM for improved toughness and ease of manufacturing
- 2006 - Jointly developed Crutonite® alloy for high temperature wear resistant applications. Joint patent issued 2010.
- 2005 - Developed CPM® Rex66® for improved toughness
- 2005 - Developed stainless tool steel CPM® S110V® for enhanced corrosion resistance
- 2005 - Developed CPM® Rex86® for improved wear resistance
- 2004 - Developed stainless tool steel CPM® S125V® for improved corrosion and wear resistance.
- 2003 - Developed a Thermo-Calc computational model for the calculation of volume fraction of primary carbides in high speed steels.
- 2003 - Improved the machinability of tool steels for high wear resistant applications through the implementation of Plus Technology™.
- 2001 - Completed expansion and upgrade of CPM® facility in Syracuse.
- 2001 - Developed stainless tool steel CPM® S30V® for applications requiring improved corrosion and wear resistance.
- 2000 - Developed VIM CRU® 60* and VIM CRU® 80* for hybrid bearing applications.
- 2000 - Developed advanced iron based powder metallurgy calibration standards for X-ray and optical emission equipment.
- 1999 - Developed second stainless tool steel CPM® S90V® for improved corrosion and wear resistance.
- 1998 - Developed CPM® Rex® 121, a new ultra hard (HRC 70-72) and abrasion resistant high speed steel.
- 1997 - Developed VIM CRU® 20* for hybrid bearing applications.
- 1997 - Developed CPM® SS100®, a new high strength corrosion resistant steel using nitrogen as an alloying element and rapid solidification processing.
- 1997 - Developed CPM® 3V®, a high toughness steel with good wear resistance.
- 1996 - Developed a series of high sulfur powder metallurgy tool steels with 500 ksi minimum bend fracture strength.
- 1995 - Developed MPL-1®, CPM® 440VM®, and CPM® 420 (9V®, 12V®, 15V®), a family of wear and corrosion resistant steels.
- 1994 - Developed CPM® Nu-Die EZ®, a high sulfur version of H13 tool steel with excellent machinability.
- 1990 - Developed CPM® 15V®, a highly wear resistant tooling material.
- 1988 - Developed the Super X® free machining austenitic and martensitic stainless steels.
- 1985 - Crucible Materials Corporation becomes an independent, employee-owned company
- 1984 - World's first titanium gas atomizer developed at Crucible Research
- 1983 - Crucible Materials Corporation is established by Colt Industries
- 1975 - Crucible Compaction Metals Division is established in Pittsburgh, PA
- 1970 - CPM (Crucible Particle Metallurgy) process developed
- 1968 - Colt Industries acquires Crucible Steel Company
- 1964 - Crusteel, LTD. Established in Sheffield, England
- 1955 - First commercial vacuum (VAR) melt shop
- 1948 - Crucible acquires Trent Tube Company of East Troy, WI (Founded 1941)
- 1929 - Crucible research division founded
- 1907 - First patent granted for invention of vanadium-bearing tool steel
- 1906 - First in Western Hemisphere to use electric arc melting furnace (Heroult design)
- 1900 - Thirteen major crucible method steelmaking firms join to become Crucible Steel of America
- 1883 - First to use gas to fuel its crucible melting furnaces
- 1876 - Sanderson Brothers Steel established in Syracuse, New York
- 1776 - Naylor & Sanderson Steel Company established in Sheffield, England

* Processing and Intellectual Property now owned by ATI

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Contact Us

There are many ways to begin a relationship with Crucible Industries, but they all start with personal contact.

You can contact us at:

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Solvay, NY 13209

Phone: 1-800-365-1180

Email: sales@crucible.com

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Consolidation and Incorporation



To improve efficiency in production, Crucible's Syracuse plants were consolidated in 1947 to form the Sanderson-Halcomb Works, which was renamed Syracuse Works of Crucible Steel in 1966. Colt Industries bought Crucible Steel Corporation of America in 1968, and the Syracuse Works became Colt's Crucible Specialty Metals Division. In 1983, Colt Industries consolidated its basic materials group as Crucible Materials Corporation, headquartered in New York City. In 1985, Crucible's salaried employees purchased all of the corporation's stock through a leveraged buyout and relocated Crucible Materials Corporation's headquarters to Syracuse.

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CRUCIBLE- Our Future



On October 23, 2009 JP Industries LLC, a private equity group, purchased the operating assets of the Crucible Specialty Metals Division and formed Crucible Industries LLC.

Since reopening in November 2009, Crucible Industries is continuing the one hundred and thirty-three year tradition of high product quality, relentless customer service, and technical knowhow that the specialty metals industry has come to expect from Crucible.

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